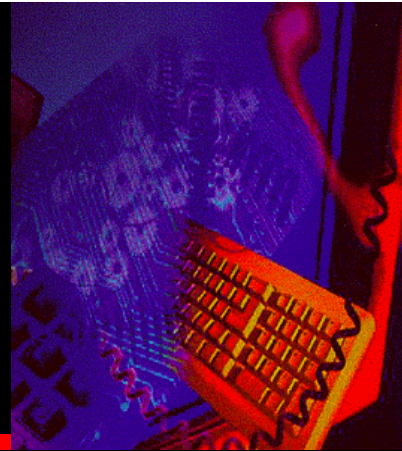


THE

*source*

for

JPEG2000



Aware, Inc.

June 2003

Image Compression  
Symposium II



# Corporate Overview

- ✍ Founded in 1986
- ✍ The first company to commercialize wavelet image compression
- ✍ a profitable provider of compression technology to many large systems vendors
- ✍ stable public company
- ✍ viable technology partner
- ✍ 120 employees



Bedford, MA Corporate Office



# Aware and JPEG2000

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- ✍ Active participation in the US and International JPEG2000 standards bodies
  - ✍ Contributor of JPEG2000 compliance images
- ✍ Aware JPEG2000 development has been a multiple man-year project
- ✍ API design, optimization work, and commercial implementation based on over twelve years of R&D and a proven business model
- ✍ Most large systems integrators, machine developers, and governments prefer to purchase proven COTS software



# The Aware JPEG2000 Technology

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- ✍ Professionally developed and maintained
  - ✍ A COTS library with example programs
  - ✍ no foreign or domestic university code used
- ✍ Designed for mission critical industrial, military and medical applications
- ✍ Highly flexible and easy-to-understand API
- ✍ Highly optimized for speed and efficient system resource usage
- ✍ Has been selected as the technology of choice by several multi-national system companies



# Features of the Aware Library

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- ✍ Basic NITF File read/write with import/export of JPEG2000 imagery
- ✍ JPEG2000 Codestream Reformatter
  - ✍ progression order changes
  - ✍ precinct size changes
  - ✍ ROI decode
  - ✍ drop channels, drop quality, drop resolution layers, drop certain regions
  - ✍ extract tiles
  - ✍ add/remove tile and packet markers
  - ✍ add/remove error resilience markers

# Library Features

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- ✍ Full API with over 90 functions
  - ✍ example programs with source code
  - ✍ Viewer programs with source code
  - ✍ Browser plugins
- ✍ Standard Compliant JP2 support
  - ✍ API to support read/write meta data boxes

# Aware Provides a Strategic Advantage

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- ✍ Aware provides JPEG2000 to several markets
  - ✍ Aware customers in each market drive improvements
  - ✍ Entire customer base receives benefits of Aware's active feature development process
- ✍ Technical support is provided by the designers of the library and utilities.
- ✍ Aware software is not expensive.
- ✍ Foreign university code does not represent the best implementation of the standard



# We Are Easy To Work With

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✍ Call us or email us with your questions or comments

✍ jpeg2000@aware.com

✍ 781-276-4000

✍ Thank-you!